

RECEIVED
CENTRAL FAX CENTER

JUL 20 2007

09/848,004

REMARKS

Reconsideration of the application in view of the present amendment is respectfully requested.

Claims 48, 51, 54, 55, 58, and 59 are amended by way of the present amendment. Accordingly, claims 48 and 51-61 are pending.

Claim 48 recites a check processing apparatus comprising an image capture transport including (i) an image capture device for capturing images of physical checks in which each check has an assigned entry number associated therewith, (ii) a number of pockets into which physical checks can be sorted and in which each pocket has an assigned pocket number associated therewith, and (iii) a transport controller for providing information relating to physical checks which have been processed at the image capture transport, an encoding transport including a magnetic ink character recognition (MICR) encoder for encoding MICR codelines onto physical checks, a physical receptacle for (i) containing physical checks which have been processed at the image capture transport, and (ii) allowing the physical receptacle along with physical checks contained therein to be physically transported from the image capture transport to the encoding transport, an electronic label affixed to the physical receptacle and including (i) a physical display for displaying a visual message, (ii) a first communication interface for receiving electronic messages which have been wirelessly transmitted from another communication interface, and (iii) a processor for causing the physical display to display a visual message having both an entry number and a pocket number associated with the physical checks contained in the physical receptacle, a subserver for receiving information which associates the physical receptacle and the electronic label affixed thereto to a corresponding pocket of the image capture transport, a transmitter server for generating display messages based upon information from the subserver, and a second communication interface for wirelessly transmitting the generated display messages from the transmitter server to the first communication interface of the electronic label so that visual information including both the entry number and the pocket number associated with the physical checks contained in the physical receptacle can be displayed on the physical display of the electronic label.

09/848,004

None of the prior art including the prior art references of record discloses or suggests a check processing apparatus comprising, inter alia, an electronic label affixed to the physical receptacle and including (i) a physical display for displaying a visual message, (ii) a first communication interface for receiving electronic messages which have been wirelessly transmitted from another communication interface, and (iii) a processor for causing the physical display to display a visual message having both an entry number and a pocket number associated with the physical checks contained in the physical receptacle, wherein visual information including both the entry number and the pocket number associated with the physical checks contained in the physical receptacle can be displayed on the physical display of the electronic label. Thus, claim 48 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 51 depends from claim 48 and is allowable for the reasons claim 48 is allowable and for the specific limitations recited therein. Claim 51 further recites that the electronic label includes a first manually-operable button electrically coupled to the processor and for, when manually operated, directing the processor to cause the physical display to display visual information including the entry number and the pocket number in sequential screens. None of the prior art including the prior art references of record discloses or suggests the structure recited in claim 51 in combination with the structure recited in claim 48. Thus, claim 51 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 52 depends from claim 51 and is allowable for the reasons claim 51 is allowable and for the specific limitations recited therein. Claim 52 further recites that the electronic label includes a second manually-operable button electrically coupled to the processor and for, when manually operated, allowing an operator to send a signal to the second communication interface. None of the prior art including the prior art references of record discloses or suggests the structure recited in claim 52 in combination with the structure recited in claim 51. Thus, claim 52 patentably defines over the prior art including

09/848,004

the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 53 depends from claim 48 and is allowable for the reasons claim 48 is allowable and for the specific limitations recited therein. Claim 53 further recites that the electronic label further includes an alerter electronically coupled to the processor and for, when driven by the processor, providing an audible alert signal. None of the prior art including the prior art references of record discloses or suggests the structure recited in claim 53 in combination with the structure recited in claim 48. Thus, claim 53 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 54 recites a check processing apparatus comprising an image capture transport including (i) an image capture device for capturing images of physical checks in which each check has an assigned entry number associated therewith, (ii) a number of pockets into which physical check can be sorted and in which each pocket has an assigned pocket number associated therewith, and (iii) a transport controller for providing information relating to physical checks which have been processed at the image capture transport, a balancing station including (i) a display for displaying check images, (ii) an input device for enabling an operator to enter check amounts, and (iii) a balancing station controller for examining information associated with check images to determine if a balanced condition exists and for providing a balance complete signal when a determination is made that a balanced condition exists, a reconciliation station including (i) a display for displaying check images, and (ii) a reconciliation station controller for reconciling physical checks which have been identified as being exception items and for providing a reconciliation complete signal when reconciliation is completed, an encoding transport including a magnetic ink character recognition (MICR) encoder for encoding MICR codelines onto physical checks, a physical receptacle for (i) containing physical checks which have been processed at the image capture transport, and (ii) allowing the physical receptacle along with physical checks contained therein to be physically transported from the image capture transport to the encoding transport, an electronic label affixed to the physical receptacle and including (i) a physical display for displaying a visual

09/848,004

message, (ii) a first communication interface for receiving electronic messages which have been wirelessly transmitted from another communication interface, and (iii) a processor for causing the physical display to display a visual message having both an entry number and a pocket number associated with the physical checks contained in the physical receptacle, a subserver for (i) receiving information which associates the physical receptacle and the electronic label affixed thereto to a corresponding pocket of the image capture transport, (ii) receiving the balance complete signal from the balancing station, and (iii) receiving the reconciliation complete signal from the reconciliation station controller, a transmitter server for generating display messages based upon information from the subserver, and a second communication interface for wirelessly transmitting the generated display messages from the transmitter server to the first communication interface of electronic label so that visual information including both the entry number and the pocket number associated with the physical checks contained in the physical receptacle can be displayed on the physical display of the electronic label.

None of the prior art including the prior art references of record discloses or suggests a check processing apparatus comprising, *inter alia*, an electronic label affixed to the physical receptacle and including (i) a physical display for displaying a visual message, (ii) a first communication interface for receiving electronic messages which have been wirelessly transmitted from another communication interface, and (iii) a processor for causing the physical display to display a visual message having both an entry number and a pocket number associated with the physical checks contained in the physical receptacle, wherein visual information including both the entry number and the pocket number associated with the physical checks contained in the physical receptacle can be displayed on the physical display of the electronic label. Thus, claim 54 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 55 depends from claim 54 and is allowable for the reasons claim 54 is allowable and for the specific limitations recited therein. Claim 55 further recites that the electronic label includes a first manually-operable button electrically coupled to the processor

09/848,004

and for, when manually operated, directing the processor to cause the physical display to display visual information including the entry number and the pocket number in sequential screens. None of the prior art including the prior art references of record discloses or suggests the structure recited in claim 55 in combination with the structure recited in claim 54. Thus, claim 55 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 56 depends from claim 55 and is allowable for the reasons claim 55 is allowable and for the specific limitations recited therein. Claim 56 further recites that the electronic label includes a second manually-operable button electrically coupled to the processor and for, when manually operated, allowing an operator to send a signal to the second communication interface. None of the prior art including the prior art references of record discloses or suggests the structure recited in claim 56 in combination with the structure recited in claim 55. Thus, claim 56 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 57 depends from claim 54 and is allowable for the reasons claim 54 is allowable and for the specific limitations recited therein. Claim 57 further recites that the electronic label further includes an alerter electronically coupled to the processor and for, when being driven by the processor, providing an audible alert signal. None of the prior art including the prior art references of record discloses or suggests the structure recited in claim 57 in combination with the structure recited in claim 54. Thus, claim 57 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 58 recites a check processing apparatus for enabling an operator to physically transport checks from an image capture transport which captures images of checks and sorts the checks into a plurality of pockets to an encoding transport which encodes magnetic ink character recognition (MICR) codelines onto checks, each check having an assigned entry number associated therewith and each pocket having an assigned pocket number associated therewith. The check processing apparatus comprises a plurality of check document trays for

09/848,004

(i) containing checks which have been sorted into the plurality of pockets at the image capture transport, (ii) allowing checks to be moved from each of the plurality of pockets into a corresponding one of the plurality of check document trays, and (iii) allowing the plurality of check document trays along with checks contained therein to be physically transported from the image capture transport to the encoding transport for encoding MICR codelines onto the checks. The check processing apparatus further comprises a plurality of electronic labels associated with the plurality of check document trays such that each of the plurality of electronic labels is affixed to a corresponding one of the plurality of check document trays, each of the plurality of electronic labels including (i) a physical display for displaying a visual message, (ii) a communication interface for receiving electronic messages which have been wirelessly transmitted from a communication interface associated with the image capture transport, and (iii) a processor for causing the physical display to display a visual message which is based upon at least one electronic message which has been received from the communication interface associated with the image capture transport to provide visual information including both the entry number and the pocket number associated with the checks contained in a check document tray which has been physically transported from the image capture transport to the encoding transport.

None of the prior art including the prior art references of record discloses or suggests a check processing apparatus for enabling an operator to physically transport checks from an image capture transport which captures images of checks and sorts the checks into a plurality of pockets to an encoding transport which encodes magnetic ink character recognition (MICR) codelines onto checks, each check having an assigned entry number associated therewith and each pocket having an assigned pocket number associated therewith, wherein the check processing apparatus comprises a plurality of check document trays for (i) containing checks which have been sorted into the plurality of pockets at the image capture transport, (ii) allowing checks to be moved from each of the plurality of pockets into a corresponding one of the plurality of check document trays, and (iii) allowing the plurality of check document trays along with checks contained therein to be physically transported from the image capture transport to the encoding transport for encoding MICR codelines onto the

09/848,004

checks, and a plurality of electronic labels associated with the plurality of check document trays such that each of the plurality of electronic labels is affixed to a corresponding one of the plurality of check document trays, each of the plurality of electronic labels including (i) a physical display for displaying a visual message, (ii) a communication interface for receiving electronic messages which have been wirelessly transmitted from a communication interface associated with the image capture transport, and (iii) a processor for causing the physical display to display a visual message which is based upon at least one electronic message which has been received from the communication interface associated with the image capture transport to provide visual information including both the entry number and the pocket number associated with the checks contained in a check document tray which has been physically transported from the image capture transport to the encoding transport. Thus, claim 58 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 59 depends from claim 58 and is allowable for the reasons claim 58 is allowable and for the specific limitations recited therein. Claim 59 further recites that the electronic label includes a first manually-operable button electrically coupled to the processor and for, when manually operated, directing the processor to cause the physical display to display visual information including the entry number and the pocket number in sequential screens. None of the prior art including the prior art references of record discloses or suggests the structure recited in claim 59 in combination with the structure recited in claim 58. Thus, claim 59 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 60 depends from claim 59 and is allowable for the reasons claim 59 is allowable and for the specific limitations recited therein. Claim 60 further recites that the electronic label includes a second manually-operable button electrically coupled to the processor and for, when manually operated, allowing an operator to send a signal to the communication interface associated with the image capture transport. None of the prior art including the prior art references of record discloses or suggests the structure recited in claim 60 in combination with the structure recited in claim 59. Thus, claim 60 patentably defines

09/848,004

over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

Claim 61 depends from claim 58 and is allowable for the reasons claim 58 is allowable and for the specific limitations recited therein. Claim 61 further recites that the electronic label further includes an alerter electronically coupled to the processor and for, when being driven by the processor, providing an audible alert signal. None of the prior art including the prior art references of record discloses or suggests the structure recited in claim 61 in combination with the structure recited in claim 58. Thus, claim 61 patentably defines over the prior art including the prior art references of record, whether taken singularly or in combination, and is therefore allowable.

In view of the foregoing, it is submitted that the application is in condition for allowance, and allowance of the application is respectfully requested.

Respectfully submitted,



Michael Chan
Reg. No. 33,663
Attorney for Applicant

NCR Corporation, Law Department, WHQ-3E
1700 S. Patterson Blvd., Dayton, OH 45479-0001
Tel. No. 937-445-4956/Fax No. 937-445-6794

JUL 20 2007